

PUB-NO: DE004034412A1

DOCUMENT-IDENTIFIER: DE 4034412 A1

TITLE: Degassing arrangement for acoustic propagation media - comprises evacuable vessel in which helically coiled, silicone hose is located, and hose is connected to fluid circulation lines

PUBN-DATE: April 30, 1992

INVENTOR-INFORMATION:

NAME	COUNTRY
ROHWEDDER, ARNIM DIPLO ING	DE

ASSIGNEE-INFORMATION:

NAME	COUNTRY
SIEMENS AG	DE

APPL-NO: DE04034412

APPL-DATE: October 29, 1990

PRIORITY-DATA: DE04034412A (October 29, 1990)

INT-CL (IPC): A61B008/00, A61B017/22 , A61H023/00 ,
B01D019/00

EUR-CL (EPC): G10K009/12 ; G10K011/02, A61B017/22

US-CL-CURRENT: 600/481

ABSTRACT:

Liq. acoustic propagation media in medical ultrasonic units are degassed by an arrangement of a vessel (14), which can be evacuated by a vacuum pump (13), in which a hose (15) is located in several helical coils. The hose is connected at its ends to lines (8, 9) in which the medium e.g. water is circulated. By evacuating the vessel, gases diffuse through the silicone hose from the medium. ADVANTAGE - Simple, cost-effective and operates continuously.

DERWENT-ACC-NO: 1992-151932

DERWENT-WEEK: 199219

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TITLE: Degassing arrangement for acoustic propagation media - comprises evacuable vessel in which helically coiled, silicone hose is located, and hose is connected to fluid circulation lines

INVENTOR: ROCHWEDDER, A

PATENT-ASSIGNEE: SIEMENS AG [SIEI]

PRIORITY-DATA: 1990DE-4034412 (October 29, 1990)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC	
LANGUAGE				
DE 4034412 A		April 30, 1992		N/A
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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DE 4034412A	N/A	1990DE-
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INT-CL (IPC): A61B008/00, A61B017/22, A61H023/00,
B01D019/00

ABSTRACTED-PUB-NO: DE 4034412A

BASIC-ABSTRACT:

Liq. acoustic propagation media in medical ultrasonic units are degassed by an

arrangement of a vessel (14), which can be evacuated by a vacuum pump (13), in which a hose (15) is located in several helical coils. The hose is connected at its ends to lines (8, 9) in which the medium e.g. water is circulated. By evacuating the vessel, gases diffuse through the silicone hose from the medium.

ADVANTAGE - Simple, cost-effective and operates continuously.

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS: DEGAS ARRANGE ACOUSTIC PROPAGATE MEDIUM
COMPRISE EVACUATE VESSEL

HELICAL COIL SILICONE HOSE LOCATE HOSE CONNECT
FLUID CIRCULATE LINE

DERWENT-CLASS: J01 P31 P33 S03 S05

CPI-CODES: J01-D02;

EPI-CODES: S03-E08; S05-D03B;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-070289

Non-CPI Secondary Accession Numbers: N1992-113367